

Phone: (847) 808-7766 Fax: (847) 808-7772

Weaver Boos Consultants Project: JLM Chemical

70 West Madison, Suite 4250 Project Number: N/A Lab ID: BQJ0102
Chicago, IL 60602 Project Manager: Carolyn Feltz Reported: 10/30/07 14:21

# Semivolatile Organic Compounds by EPA Method 8270C - Quality Control TestAmerica - Buffalo Grove, IL

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch	7100197	- EPA	3550B
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Matrix Spike Dup (7100197-MSD1)	Source	e: BQJ0106-0	1	Prepared &	Analyzed:	10/12/07				
1,2-Dichlorobenzene	462	117 u	g/kg dry	990	ND	46.7	35-110	5.36	30	
1,3-Dichlorobenzene	430	117	"	990	ND	43.5	30-110	1.51	30	
1,4-Dichlorobenzene	464	117	"	990	ND	46.8	30-110	8.26	30	
3,3´-Dichlorobenzidine	749	586	"	1990	ND	37.7	10-110	7.82	30	
2,4-Dichlorophenol	534	117	"	990	ND	54.0	40-110	6.92	25	
Diethyl phthalate	547	117	"	990	ND	55.2	30-115	6.22	20	
2,4-Dimethylphenol	581	117	"	990	ND	58.7	40-110	7.65	30	
Dimethyl phthalate	549	117	"	990	ND	55.4	40-110	8.03	20	
Di-n-butyl phthalate	529	387	"	990	ND	53.5	30-120	7.48	30	
4,6-Dinitro-2-methylphenol	674	586	"	990	ND	68.1	10-120	5.92	30	
2,4-Dinitrophenol	639	586	"	990	ND	64.6	20-110	1.27	40	
2,4-Dinitrotoluene	621	117	"	990	ND	62.8	40-110	9.46	20	
2,6-Dinitrotoluene	530	117	"	990	ND	53.5	50-110	8.59	20	
Di-n-octyl phthalate	604	387	"	990	ND	61.0	30-130	8.11	30	
luoranthene	480	117	"	990	ND	48.5	30-130	6.10	35	
luorene	490	117	"	990	ND	49.5	60-120	7.51	30	L
Iexachlorobenzene	431	117	"	990	ND	43.6	30-110	7.10	25	
Iexachlorobutadiene	433	117	"	990	ND	43.7	30-110	2.85	30	
Iexachlorocyclopentadiene	320	117	"	990	ND	32.4	10-110	3.68	40	
Iexachloroethane	517	117	"	990	ND	52.2	40-110	3.67	30	
ndeno (1,2,3-cd) pyrene	618	117	"	990	ND	62.4	30-110	8.00	30	
sophorone	553	117	"	990	ND	55.9	30-110	10.0	20	
-Methylnaphthalene	456	117	"	990	ND	46.1	20-120	8.26	30	
-Cresol	563	117	"	990	ND	56.9	30-120	7.91	20	
n,p-Cresols	663	117	"	990	ND	67.0	50-120	9.50	20	
Naphthalene	459	117	"	990	ND	46.3	20-110	8.20	30	
-Nitroaniline	604	586	"	990	ND	61.1	35-110	7.70	20	
-Nitroaniline	732	586	"	990	ND	73.9	30-110	8.33	20	
-Nitroaniline	826	586	"	990	ND	83.5	30-115	10.1	20	
litrobenzene	608	82.1	"	990	ND	61.5	30-110	5.37	30	
-Nitrophenol	610	117	"	990	ND	61.6	30-110	6.98	30	
-Nitrophenol	726	586	"	990	ND	73.4	20-120	1.06	30	
I-Nitrosodi-n-propylamine	637	117	"	990	ND	64.4	35-120	8.29	20	
N-Nitrosodiphenylamine	533	117	"	990	ND	53.9	30-110	7.66	20	
Pentachlorophenol	235	586	"	990	ND	23.8	30-120	19.6	30	L

TestAmerica - Buffalo Grove, IL

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Reviewed & Ralin S. Reanis Approved by:

Robin Promisel For Margaret Kniest

Page 18 of 21



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Weaver Boos Consultants Project: JLM Chemical

70 West Madison, Suite 4250 Project Number: N/A Lab ID: BQJ0102
Chicago, IL 60602 Project Manager: Carolyn Feltz Reported: 10/30/07 14:21

## Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

### TestAmerica - Buffalo Grove, IL

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

### Batch 7100197 - EPA 3550B

Matrix Spike Dup (7100197-MSD1)	Source	: BQJ010	6-01	Prepared &	Analyzed:	10/12/07				
Phenanthrene	459	117	ug/kg dry	990	ND	46.4	50-120	7.26	30	L
Phenol	617	117	"	990	ND	62.3	50-110	8.11	25	
Pyrene	471	117	"	990	ND	47.5	50-115	7.88	30	L
1,2,4-Trichlorobenzene	423	117	"	990	ND	42.8	40-110	4.36	30	
2,4,5-Trichlorophenol	515	586	"	990	ND	52.0	25-120	4.04	30	
2,4,6-Trichlorophenol	508	117	"	990	ND	51.4	45-110	4.11	20	
Surrogate: 2-Fluorophenol	1150		"	1980		58.1	20-120			
Surrogate: Phenol-d6	1300		"	1980		65.7	30-120			
Surrogate: Nitrobenzene-d5	445		"	990		44.9	20-110			
Surrogate: 2-Fluorobiphenyl	288		"	990		29.1	20-110			
Surrogate: 2,4,6-Tribromophenol	987		"	1980		49.8	10-130			
Surrogate: p-Terphenyl-d14	348		"	990		35.1	30-110			

TestAmerica - Buffalo Grove, IL

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Weaver Boos Consultants

Project: JLM Chemical

70 West Madison, Suite 4250

Chicago, IL 60602

Project Number: N/A

Lab ID: BQJ0102

Project Manager: Carolyn Feltz

**Reported:** 10/30/07 14:21

### Percent Solids - Quality Control TestAmerica - Buffalo Grove, IL

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 7100175 - General Prep

**Blank (7100175-BLK1)** Prepared & Analyzed: 10/11/07

% Solids ND 1.00 %

 Duplicate (7100175-DUP1)
 Source: BQJ0099-01
 Prepared & Analyzed: 10/11/07

 % Solids
 85.6
 1.00
 %
 85.8
 0.214
 20

TestAmerica - Buffalo Grove, IL

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### **Notes and Definitions**

QC The result for one or more quality control measurements associated with this sample did not meet the laboratory and/or source

method acceptance criteria.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

L This quality control measurement is below the laboratory established limit.

H This quality control measurement is above the laboratory established limit.

^ The laboratory is not NELAP accredited for this analyte by the indicated matrix and method.

^ The State of Illinois Accrediting Authority does not offer NELAP accreditation for this analyte by the indicated matrix and method.

Note: All analytes, by matrix and method, are accredited following current NELAP standards unless specifically noted by way of a qualifier listed above.

Note: All samples are reported on a wet weight basis unless otherwise noted.

TestAmerica--Buffalo Grove, IL Wisconsin DNR Certification Lab ID: 999917160
TestAmerica--Buffalo Grove, IL NELAP Primary Accreditation: Illinois 100261
TestAmerica--Chicago, IL NELAP Primary Accreditation: Illinois 100201
TestAmerica--Nashville, TN NELAP Secondary Accreditation: Illinois 200010
TestAmerica--Dayton, OH NELAP Secondary Accreditation: Illinois 200008

TestAmerica--Watertown, WI NELAP Primary Accreditation: Illinois 100453 TestAmerica--Watertown, WI Wisconsin DNR Certification Lab ID: 128053530

NELAP accredited IL 100261

TestAmerica - Buffalo Grove, IL

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# CHAIN OF CUSTODY REPORT

1380 Busch Parkway Buffalo Grove, Illinois 60089-4505 (847) 808-7766 FAX (847) 808-7772

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ATTORNEY CLIENT PRIVILEGED AND CONFIDENTIAL PREPARED AT THE REQUEST OF COUNSEL October 31, 2019

PN 001560.01

Mr. Jonathan Reich Reich Brothers, LLC 15 Reservoir Rd White Plains, NY 10603

Re: Geophysical Survey and Test Pit Report

USEPA Area of Concern 3350 West 131<sup>st</sup> Street Site Blue Island (Alsip), Illinois

Dear Mr. Reich:

Based on October 16, 2019 correspondence from Mary Fulghum at USEPA to Heather Richardson of Thompson Hine, 131 Street Holdings, Inc. was notified that there was a datagap in the November 2, 2007 Weaver Boos Consultants Geophysical Survey and Test Pit Exploration Services report regarding the above referenced property (the "Property"). In USEPA's October 16, 2019 email, USEPA provided a proposed survey area along the western portion of the Property where USEPA recommended that a ground penetrating radar survey ("GPR") be conducted on the Property to determine the presence or absence of drums that were allegedly buried at the Property prior to when 131st Street owned the Property.

In order to expeditiously address USEPA's concerns, Carlson contracted with GPRS Subsurface Scanning Solution to perform a GPR survey on October 30, 2019 in the specific area identified by the USEPA on the attached proposed survey area (see attached Exhibit 1)(the "Survey Area"), to determine the presence or absence of any buried drums.

Based on the GPR survey and Subsurface Investigation for Anomalies performed by GPRS (attached as Exhibit 2) three anomalies were noted in the Survey Area. Two small anomalies measuring approximately 4' x 4' and 3' x 3' were located on the northern end of the Survey Area identified by USEPA. In addition, one large anomaly measuring approximately 7' x 11' was located on the far southern end of the Survey Area identified by USEPA.

Based on the presence of the three anomalies, Carlson mobilized a contractor, Alessio and Sons, on Thursday October 31, 2019 to excavate test pits in the areas of the three anomalies. The



excavations located no buried drums in any of the test pits. The test pits encompassed the area of the three reported anomalies and were advanced until undisturbed native soil was encountered at a depth of around 3.5 to 4 feet (photographs and site description attached as Exhibit 3). The larger anomaly on the southern end (excavation #1) contained numerous pipes and the two northern anomalies (excavation #2 and #3) contained pieces of metal and junk, but, again, no buried drums were identified.

These onsite investigations verify that there are no buried drums located in the Survey Area identified by the USEPA. As a result of this recent work, no additional survey or investigation by the USEPA is warranted at this time.

Please do not hesitate to contact me at 312-346-2140 if you have any questions.

Respectfully submitted,

CARLSON ENVIRONMENTAL, INC.

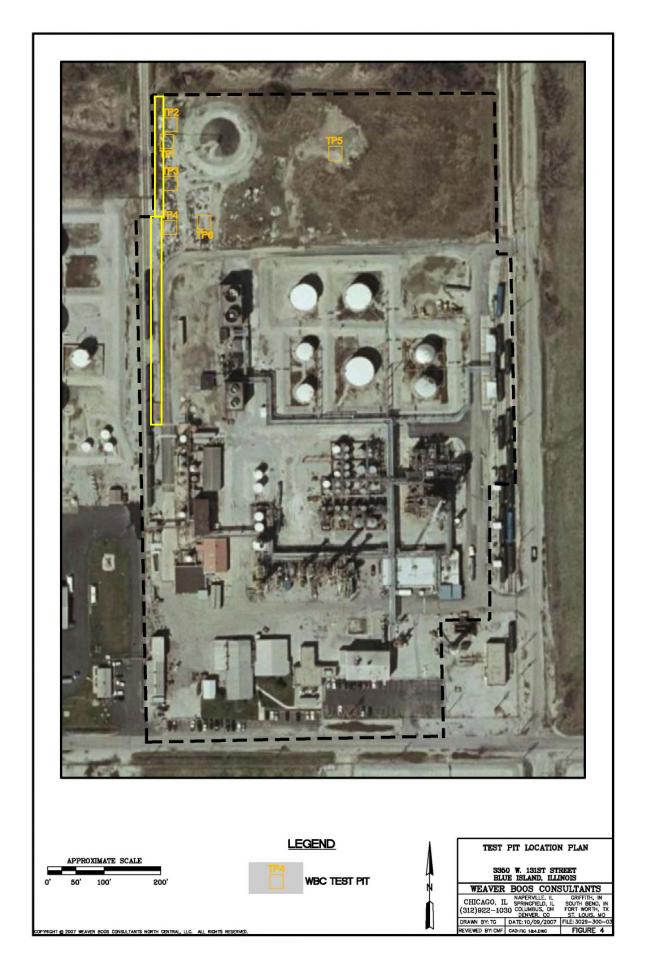
Edward Garske

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President



# Exhibit 1





# Exhibit 2